

ABSTRACT OF THE DISCLOSURE

A fuel cell is provided having a stack of unit cells, each unit cell including: a hydrogen-ion conductive electrolyte; an anode and a cathode with the hydrogen-ion conductive electrolyte interposed therebetween; an anode-side conductive separator in contact with the anode; and a
5 cathode-side conductive separator in contact with the cathode, wherein the anode-side conductive separator has fuel gas passage grooves, facing the anode, for supplying a fuel gas to the anode, the cathode-side conductive separator has oxidant gas passage grooves, facing the cathode, for supplying an oxidant gas to the cathode, and at least one of the fuel gas passage grooves and the
10 oxidant gas passage grooves has an equivalent diameter of not smaller than 0.79 mm and not larger than 1.3 mm per each groove.